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Abstract

The invention relates to a method for transmitting data in a bidirectional working channel (W) between several terminals (A, B, C, D) in an optical ring network with a protection device. In case of data transmission failure, said device establishes a protection connection by wavelength division multiplexing via the undisturbed segment (LINE1) of the ring network in a single bidirectional protection channel(P) having at least the same transmission capacity as the working channel (W).

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